

ABSTRACT

A cultivator for aerating a ground surface. The cultivator has a support frame moveable relative to the ground surface and a follower first pivotally connected to the support frame by a first pair of spaced link arms. The link arms have two pairs of equidistantly spaced pivot points for linear movement of the follower in a first direction away from the support frame. A tool support member is pivotally connected to the follower by a second pair of spaced link arms. The second link arms have two pairs of equidistantly spaced pivot points for linear movement of a cultivating tool in a second direction substantially perpendicular to the first direction. A driver effects cyclic movement of the tool support member in the second direction and movement of the follower in the first direction. A bias element provides resilient damping of the movement of the follower along the first direction away from the support frame, wherein the resilient damping is provided at an extremity of movement of the follower outward from the support frame along the first direction, to urge the follower in the direction of inward movement toward the support frame. A dampening element provides resilient damping of the movement of the follower along the first direction toward the support frame, the resilient damping provided at an extremity of movement of the follower inward toward the support frame in the first direction to progressively arrest movement of the follower in the direction of inward movement toward the support frame.